

Table 11.12 from (1968AJ02):  
Beta decay of  $^{11}\text{Be}$  (1958AL96, 1959WI49, 1964AL22)

$^{11}\text{B}^*$ (MeV)	$J\pi$ <sup>a</sup>	% betas	$\log ft$	$E_\gamma$ (MeV $\pm$ keV)	% gammas <sup>b</sup>
0	$\frac{3}{2}^-$	61	6.78		
2.12	$\frac{1}{2}^-$	29	6.68	$2.121 \pm 10$	32
4.44	$\frac{5}{2}^-$	$\leq 0.2$	$\geq 8.2$		
5.02	$\frac{3}{2}^-, (\frac{1}{2}^-)$	$\leq 0.2$	$\geq 8.2$		
6.74	$\frac{7}{2}^-$		$\geq 6.9$		
6.79	$(\frac{1}{2}, \frac{3}{2})^+$	6.5	5.92	$6.792 \pm 6$ $4.64 \pm 20$	4.4 2.1
7.30	$(\frac{3}{2}, \frac{5}{2})^+$	$\leq 1.5$	$\geq 6.4$		
8.00	$\frac{3}{2}^+$	4.1	5.55	$7.97 \pm 30$ $5.86 \pm 40$	1.7 2.4
8.57	$\leq \frac{5}{2}^-$	$\leq 0.3$	$\geq 6.3$		
8.93	$\frac{5}{2}^-$	$\leq 0.15$	$\geq 6.3$		

<sup>a</sup> Assignments from summary [Table 11.3](#).

<sup>b</sup> Relative to all  $\beta$ -transitions.